

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/EP2004/007199

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A45D34/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**
 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A45D B05C A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 806 271 A (OREAL) 21 September 2001 (2001-09-21) cited in the application page 1, last paragraph page 5, line 9 - line 17	1,2,4, 6-8, 10-16
Y	US 6 343 717 B1 (ZHANG JACK YONGFENG ET AL) 5 February 2002 (2002-02-05)  the whole document	1,2,4, 6-8, 10-16
A	FR 2 487 223 A (WELLA AG) 29 January 1982 (1982-01-29)	1
X	page 1, lines 1-7, 30-35 page 2, line 12 - line 33 page 3, last paragraph; figures 1,4  -/-	14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

03/11/2004

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3018

Authorized officer

Vesin, S

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007199

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 487 788 A (CONTE SA) 5 February 1982 (1982-02-05)	1
X	page 1, paragraph 1; figure 4 page 9, line 35 - page 10, line 11	14
A	US 4 875 602 A (CHICKERING ROBERT ET AL) 24 October 1989 (1989-10-24)  the whole document	1,2,4,6, 7,9,14, 15
A	EP 0 553 534 A (TSAO CHIEN HUA) 4 August 1993 (1993-08-04) the whole document	1,2,4,6, 7,14

## INTERNATIONAL SEARCH REPORT

 International Application No.  
 PCT/EP2004/007199

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2806271	A	21-09-2001	FR 2806271 A1	21-09-2001
			AT 249376 T	15-09-2003
			DE 60100717 D1	16-10-2003
			DE 60100717 T2	15-07-2004
			EP 1136386 A1	26-09-2001
			ES 2206381 T3	16-05-2004
			US 2002030064 A1	14-03-2002
US 6343717	B1	05-02-2002	AU 1329102 A	03-06-2002
			BR 0108028 A	05-11-2002
			CA 2398919 A1	30-05-2002
			CN 1131820 B	24-12-2003
			EP 1252075 A1	30-10-2002
			JP 2004514605 T	20-05-2004
			WO 0242175 A1	30-05-2002
FR 2487223	A	29-01-1982	DE 8019719 U1	16-10-1980
			ES 259629 Y	16-08-1982
			FR 2487223 A3	29-01-1982
			JP 57036209 U	25-02-1982
FR 2487788	A	05-02-1982	FR 2487788 A1	05-02-1982
			EP 0045690 A2	10-02-1982
			ES 268572 Y	01-12-1983
US 4875602	A	24-10-1989	NONE	
EP 0553534	A	04-08-1993	AU 2095292 A	29-07-1993
			CA 2075758 A1	29-07-1993
			CN 2157140 U	23-02-1994
			EP 0553534 A1	04-08-1993
			ZA 9205972 A	28-04-1993